

## PATENT COOPERATION TREATY

**PCT**  
**NOTIFICATION OF ELECTION**  
(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner  
US Department of Commerce  
United States Patent and Trademark  
Office, PCT  
2011 South Clark Place Room  
CP2/5C24  
Arlington, VA 22202  
ETATS-UNIS D'AMERIQUE  
in its capacity as elected Office

<b>Date of mailing</b> (day/month/year) 19 June 2001 (19.06.01)	
<b>International application No.</b> PCT/GB00/03324	<b>Applicant's or agent's file reference</b> GM/YG/99058 WO
<b>International filing date</b> (day/month/year) 29 August 2000 (29.08.00)	<b>Priority date</b> (day/month/year) 27 August 1999 (27.08.99)
<b>Applicant</b> OBEN, Julius, Enyong	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:  
26 March 2001 (26.03.01)

☐ in a notice effecting later election filed with the International Bureau on:  
\_\_\_\_\_

2. The election ☒ was

☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

¶

<p style="text-align: center;"><b>The International Bureau of WIPO</b>  34, chemin des Colombettes  1211 Geneva 20, Switzerland</p> <p>Facsimile No.: (41-22) 740.14.35</p>	<p>Authorized officer  Zakaria EL KHODARY</p> <p>Telephone No.: (41-22) 338.83.38</p>
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## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

MARCH, Gary, Clifford  
Brookes Batchellor  
102-108 Clerkenwell Road  
London EC1M 5SA  
ROYAUME-UNI

Date of mailing (day/month/year) 05 July 2001 (05.07.01)	<b>IMPORTANT NOTIFICATION</b>  International filing date (day/month/year) 29 August 2000 (29.08.00)
Applicant's or agent's file reference DCW/SH/B2309	
International application No. PCT/GB00/03324	

1. The following indications appeared on record concerning:	
<input type="checkbox"/> the applicant	<input type="checkbox"/> the inventor
<input checked="" type="checkbox"/> the agent	<input type="checkbox"/> the common representative
Name and Address MARCH, Gary, Clifford Batchellor, Kirk & Co. 102-108 Clerkenwell Road London EC1M 5SA United Kingdom	State of Nationality
	State of Residence
	Telephone No. 020 7253 1563
	Facsimile No. 020 7253 1214
Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:	
<input type="checkbox"/> the person	<input type="checkbox"/> the name
<input checked="" type="checkbox"/> the address	<input type="checkbox"/> the nationality
<input type="checkbox"/> the residence	
Name and Address MARCH, Gary, Clifford Brookes Batchellor 102-108 Clerkenwell Road London EC1M 5SA United Kingdom	State of Nationality
	State of Residence
	Telephone No. 020 7253 1563
	Facsimile No. 020 7253 1214
Teleprinter No.	
3. Further observations, if necessary:	
4. A copy of this notification has been sent to:	
<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No.: (41-22) 740.14.35	Authorized officer  Anman QIU  Telephone No.: (41-22) 338.83.38
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## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>GM/YG/99058 WO</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/GB 00/ 03324</b>	International filing date (day/month/year) <b>29/08/2000</b>	(Earliest) Priority Date (day/month/year) <b>27/08/1999</b>
Applicant <b>MEDEX SCIENTIFIC (UK) LIMITED et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.



None of the figures.

# TRAITE DE COOPERATION EN MATIERE DE BREVETS

# PCT

## RAPPORT DE RECHERCHE INTERNATIONALE

(article 18 et règles 43 et 44 du PCT)

Référence du dossier du déposant ou du mandataire	<b>POUR SUITE</b> voir la notification de transmission du rapport de recherche internationale (formulaire PCT/ISA/220) et, le cas échéant, le point 5 ci-après <b>A DONNER</b>	
Demande internationale n°  PCT/FR 00/ 02746	Date du dépôt international (jour/mois/année)  03/10/2000	(Date de priorité (la plus ancienne) (jour/mois/année)  25/01/2000
Déposant  TARREAU, Patrick		

Le présent rapport de recherche internationale, établi par l'administration chargée de la recherche internationale, est transmis au déposant conformément à l'article 18. Une copie en est transmise au Bureau international.

Ce rapport de recherche internationale comprend 3 feuilles.



Il est aussi accompagné d'une copie de chaque document relatif à l'état de la technique qui y est cité.

### 1. Base du rapport

- a. En ce qui concerne la **langue**, la recherche internationale a été effectuée sur la base de la demande internationale dans la langue dans laquelle elle a été déposée, sauf indication contraire donnée sous le même point.



la recherche internationale a été effectuée sur la base d'une traduction de la demande internationale remise à l'administration.

- b. En ce qui concerne **les séquences de nucléotides ou d'acides aminés** divulguées dans la demande internationale (le cas échéant), la recherche internationale a été effectuée sur la base du listage des séquences :



contenu dans la demande internationale, sous forme écrite.



déposée avec la demande internationale, sous forme déchiffrable par ordinateur.



remis ultérieurement à l'administration, sous forme écrite.



remis ultérieurement à l'administration, sous forme déchiffrable par ordinateur.



La déclaration, selon laquelle le listage des séquences présenté par écrit et fourni ultérieurement ne vas pas au-delà de la divulgation faite dans la demande telle que déposée, a été fournie.



La déclaration, selon laquelle les informations enregistrées sous forme déchiffrable par ordinateur sont identiques à celles du listage des séquences présenté par écrit, a été fournie.

2. ☐ **Il a été estimé que certaines revendications ne pouvaient pas faire l'objet d'une recherche** (voir le cadre I).

3. ☐ **Il y a absence d'unité de l'invention** (voir le cadre II).

4. En ce qui concerne le **titre**,



le texte est approuvé tel qu'il a été remis par le déposant.



Le texte a été établi par l'administration et a la teneur suivante:

5. En ce qui concerne l'**abrégi**,



le texte est approuvé tel qu'il a été remis par le déposant



le texte (reproduit dans le cadre III) a été établi par l'administration conformément à la règle 38.2b). Le déposant peut présenter des observations à l'administration dans un délai d'un mois à compter de la date d'expédition du présent rapport de recherche internationale.

6. La figure **des dessins** à publier avec l'abrégi est la Figure n°



suggérée par le déposant.



parce que le déposant n'a pas suggéré de figure.



parce que cette figure caractérise mieux l'invention.

1 \_\_\_\_\_



Aucune des figures n'est à publier.

## Cadre III TEXTE DE L'ABREGE (suite du point 5 de la première feuille)

Le pureauteur, permettant une sécurité et une rapidité d'exécution pour l'atterrir une toiture, est constitué de deux vis (7,8) de réglage interchangeables pour régler le pureau (cote) entre deux liteaux (1,2) sur une toiture. Le réglage de la vis (7) ou (8) se bloque par le contre écrou (6) moleté ; l'épaulement de la vis (7) ou (8) prend appui sur la latte de base (1). L'utilisateur exerce un quart de tour sur la bague (4) filetée qui applique la latte (2) à clouer sur le haut de la mâchoire (11) du corps (3). Opération à répéter à chaque croisement des chevrons (12). La tige de report (9) s'emboîte dans l'orifice (10) du corps, représentant l'alignement dans l'angle de la noue gauche ou droite.

# RAPPORT DE RECHERCHE INTERNATIONALE

Demande Internationale No

PC 00/02746

**A. CLASSEMENT DE L'OBJET DE LA DEMANDE**  
CIB 7 E04G21/18 E04D15/02

Selon la classification internationale des brevets (CIB) ou a la fois selon la classification nationale et la CIB

**B. DOMAINES SUR LESQUELS LA RECHERCHE A PORTE**

Documentation minimale consultee (systeme de classification suivi des symboles de classement)

CIB 7 E04G E04D E04F G01B

Documentation consultee autre que la documentation minimale dans la mesure ou ces documents relevent des domaines sur lesquels a porte la recherche

Base de donnees electronique consultee au cours de la recherche internationale (nom de la base de donnees, et si realisable, termes de recherche utilises)

EPO-Internal

**C. DOCUMENTS CONSIDERES COMME PERTINENTS**

Categorie °	Identification des documents cites, avec, le cas echeant, l'indication des passages pertinents	no. des revendications visees
A	DE 27 28 374 A (HEIN KLAUS HINRICH) 11 janvier 1979 (1979-01-11) cite dans la demande figures 1-3 ---	1
A	US 5 370 377 A (VAN DER MEER JOHANNES) 6 decembre 1994 (1994-12-06) colonne 1, ligne 51 -colonne 1, ligne 68 figures 1-3 ---	1
A	DE 295 15 244 U (PAETZOLD RUEDIGER) 23 novembre 1995 (1995-11-23) page 11, alinea 1 page 12, alinea 2 figures 1,2 -----	1

☐

Voir la suite du cadre C pour la fin de la liste des documents

☒

Les documents de familles de brevets sont indiques en annexe

° Categories speciales de documents cites:

- \*A\* document definissant l'etat general de la technique, non considere comme particulierement pertinent
- \*E\* document anterieur, mais publie a la date de depot international ou apres cette date
- \*L\* document pouvant jeter un doute sur une revendication de priorite ou cite pour determiner la date de publication d'une autre citation ou pour une raison speciale (telle qu'indiquee)
- \*O\* document se referant a une divulgation orale, a un usage, a une exposition ou tous autres moyens
- \*P\* document publie avant la date de depot international, mais posterieurement a la date de priorite revendiquee

- \*T\* document ulterieur publie apres la date de depot international ou la date de priorite et n'appartenant pas a l'etat de la technique pertinent, mais cite pour comprendre le principe ou la theorie constituant la base de l'invention
- \*X\* document particulierement pertinent; l'invention revendiquee ne peut etre consideree comme nouvelle ou comme impliquant une activite inventive par rapport au document considere isolement
- \*Y\* document particulierement pertinent; l'invention revendiquee ne peut etre consideree comme impliquant une activite inventive lorsque le document est associe a un ou plusieurs autres documents de meme nature, cette combinaison etant evidente pour une personne du metier
- \*8\* document qui fait partie de la meme famille de brevets

Date a laquelle la recherche internationale a ete effectivement achevee

28 decembre 2000

Date d'expedition du present rapport de recherche internationale

05/01/2001

Nom et adresse postale de l'administration chargee de la recherche internationale  
Office Europeen des Brevets, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx 31 651 epo nl.  
Fax: (+31-70) 340-3016

Fonctionnaire autorise

Hendrickx, X

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC 00/02746

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 2728374 A	11-01-1979	NONE	
US 5370377 A	06-12-1994	AU 4744693 A CA 2106435 A	31-03-1994 22-03-1994
DE 29515244 U	23-11-1995	DE 29610245 U	01-08-1996

## INTERNATIONAL SEARCH REPORT

International Application No

PC 00/03324

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 A61K35/78 A61P1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, WPI Data, PAJ, EPO-Internal, FSTA, PASCAL, LIFESCIENCES, CHEM ABS Data, CAB Data, EMBASE, NAPRALERT

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE BIOSIS 'Online!            BIOSCIENCES INFORMATION SERVICE,            PHILADELPHIA, PA, US; 1995            IGILE G O ET AL: "Nutritional assessment            of Vernonia amygdalina leaves in growing            mice."            Database accession no. PREV199598476864            XP002155813            abstract            &amp; JOURNAL OF AGRICULTURAL AND FOOD            CHEMISTRY,            vol. 43, no. 8, 1995, pages 2162-2166,            ISSN: 0021-8561</p> <p style="text-align: center;">--- -/--</p>	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search

18 December 2000

Date of mailing of the international search report

05/01/2001

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Rempp, G



## INTERNATIONAL SEARCH REPORT

International Application No

PCT 00/03324

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	<p>DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; April 2000 (2000-04) OTSHUDI A LONGANGA ET AL: "In vitro antimicrobial activity of six medicinal plants traditionally used for the treatment of dysentery and diarrhoea in Democratic Republic of Congo (DRC)." Database accession no. PREV200000367064 XP002155814 abstract &amp; PHYTOMEDICINE (JENA), vol. 7, no. 2, April 2000 (2000-04), pages 167-172, ISSN: 0944-7113</p> <p>-----</p>	1


# PATENT COOPERATION TREATY

# PCT

07 DEC 2001

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference GM/99058 WO		See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) <b>FOR FURTHER ACTION</b>	
International application No. PCT/GB00/03324	International filing date (day/month/year) 29/08/2000	Priority date (day/month/year) 27/08/1999	
International Patent Classification (IPC) or national classification and IPC A61K35/78			
Applicant MEDEX SCIENTIFIC (UK) LIMITED et al.			
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 6 sheets, including this cover sheet.</p> <p><input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of 4 sheets.</p>			
<p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> <li>I <input checked="" type="checkbox"/> Basis of the report</li> <li>II <input type="checkbox"/> Priority</li> <li>III <input checked="" type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</li> <li>IV <input type="checkbox"/> Lack of unity of invention</li> <li>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</li> <li>VI <input type="checkbox"/> Certain documents cited</li> <li>VII <input type="checkbox"/> Certain defects in the international application</li> <li>VIII <input type="checkbox"/> Certain observations on the international application</li> </ul>			
Date of submission of the demand  26/03/2001		Date of completion of this report  05.12.2001	
Name and mailing address of the international preliminary examining authority:   European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465		Authorized officer  Markopoulos, E  Telephone No. +49 89 2399 8658	



**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

International application No. PCT/GB00/03324

**1. Basis of the report**

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

**Description, pages:**

1-18 as originally filed

**Claims, No.:**

1-27 with telefax of 07/11/2001

**Drawings, sheets:**

1/1 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

International application No. PCT/GB00/03324

☐ the drawings, sheets:

5. ☒ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

*(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)*

**see separate sheet**

6. Additional observations, if necessary:

**III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability**

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:

- ☐ the entire international application.
- ☒ claims Nos. 23-26 in regard to industrial applicability.

because:

- ☒ the said international application, or the said claims Nos. 23-26 relate to the following subject matter which does not require an international preliminary examination (*specify*):  
**see separate sheet**

- ☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. are so unclear that no meaningful opinion could be formed (*specify*):

- ☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.

- ☐ no international search report has been established for the said claims Nos. .

2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:

- ☐ the written form has not been furnished or does not comply with the standard.
- ☐ the computer readable form has not been furnished or does not comply with the standard.

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N) Yes: Claims 1-18, 21, 25

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

International application No. PCT/GB00/03324

	No:	Claims	19, 20, 22-24, 26, 27
Inventive step (IS)	Yes:	Claims	1-18, 21, 25
	No:	Claims	19, 20, 22-24, 26, 27
Industrial applicability (IA)	Yes:	Claims	1-22, 27
	No:	Claims	-

2. Citations and explanations  
**see separate sheet**

**Re Item I**

**Basis of the opinion**

The amendments filed with the letter dated 7th November, 2001 introduce subject-matter which extends beyond the content of the application as filed, contrary to Article 34(2)(b) PCT. The amendments concerned are the following: the word "or" in claim 8 in regard to the possibility of a solely alcohol based extraction process since there is no such disclosure in the originally filed application.

The following examination is based on the other two possibilities of claim 8, namely obtained by an (a) aqueous or (b) aqueous and alcohol based extraction process.

**Re Item III**

**Non-establishment of opinion with regard to novelty, inventive step and industrial applicability**

1. Claims 23-26 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Article 34(4)(a)(i) PCT).

**Re Item V**

**Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Reference is made to the following document:

D1: DATABASE BIOSIS [Online] BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 1995 IGILE G O ET AL, Database accession no. PREV199598476864 XP002155813 & JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol. 43, no. 8, 1995, pages 2162-2166, ISSN: 0021-8561

2. D1 describes a nutritional assessment of *Vernonia amygdalina* leaves in mice. Mice were fed with the dried leaves or alcohol extracts of the leaves for 14 days causing a significant reduction in body weight gain.

The subject-matter of claims 1-18 as well as 21 and 25 can be regarded as novel (Art.

33(2) PCT) because there is no disclosure regarding compositions with at least two extracts of the cited plants (claim 1) or one extract together with an amylase inhibiting compound and/or fat binding material (claim 2) and there is no disclosure as to the gastric acidosis effect mentioned in claims 21 and 25.

Since the extract of claims 19, 20, 22-24, 26, and 27 could consist of only the extract of one plant of the family Vernonia and since the reduction in body weight and increase in fecal output has been described in D1, the subject-matter of independent claims 19, 20, 22-24, 26, and 27 is not novel.

Note that "inability to move freely" is a very broad term and comprises inability to move due to a certain body weight.

3. The problem to be solved by the present invention may be regarded as finding an alternative to the chitosan formulations widely used for the enhancement of fat binding capacity in order to control weight.

D1 describes the reduction in body weight gain due to V. amygdalina extract, however there is no suggestion as to a combination of this plant with extracts of other plants such as Cissus or with chitosan or a chitosan derivative.

Therefore, the skilled in the art would not consider the use of such a combination obvious for controlling or preventing obesity and hyperlipidemia.

Hence, the solution proposed in novel claims 1-18 of the present application seems to involve an inventive step (Article 33(3) PCT).

Claims 21 and 25 also seem to fulfill the requirements of Article 33(3) PCT because it would be not obvious to use extracts of the selected plants for the prevention and treatment of gastric acidosis in view of D1.

4. For the assessment of the present claims 23-26 on the question whether they are industrially applicable, no unified criteria exist in the PCT Contracting States. The patentability can also be dependent upon the formulation of the claims. The EPO, for example, does not recognize as industrially applicable the subject-matter of claims to the use of a compound in medical treatment, but may allow, however, claims to a known compound for first use in medical treatment and the use of such a compound for the manufacture of a medicament for a new medical treatment.

**CLAIMS**

1. A herbal composition comprising at least two members selected from the group consisting of an extract of one or more plants of the plant family Cissus; an extract of one or more plants of the plant family Vernonia; an extract of one or more plants of the plant family Brillantaisia.
2. A composition comprising at least one extract from one or more plants selected from one or more of the plant families: Cissus, Brillantaisia and Vernonia, together with one or more amylase inhibiting compounds and/or one or more fat binding materials.
3. A composition as claimed in claim 2 in which the fat-binding material is chitosan or a chitosan derivative.
4. A composition as claimed in any preceding claim comprising extracts of at least two plants.
5. A composition as claimed in any preceding claim further containing one or more antioxidants.
6. A composition as claimed in claim 5 in which the antioxidant is at least one of Vitamin A, Vitamin C and Vitamin E.
7. A composition as claimed in any preceding claim in which the or each plant extract is derived from the leaves, root and/or stem of the plant.
8. A composition as claimed in any preceding claim in which the or each plant extract has been obtained by an aqueous and/or alcohol based extraction process.
9. A composition as claimed in any preceding claim wherein the or each extract is of one or more of the following plant families: Cissus sp., Brillantaisia sp. and Vernonia sp.



10. A composition as claimed in claim 9 which comprises a mixture of extracts derived from both *Cissus* sp. and *Vernonia* sp.
11. A composition as claimed in any preceding claim which comprises (on a volumetric basis) *Cissus* sp. extract 50-90% and *Vernonia* sp 10-50%.
12. A composition as claimed in claim 11 in which the volume % of *Cissus* sp. extract is 60-80% and the volume % of *Vernonia* sp. extract is 20-40%.
13. A composition as claimed in any preceding claim in which the extract of plant of the *Cissus* family is extract of *Cissus quandrangularis*.
14. A composition as claimed in any preceding claim in which the extract of plant of the *Vernonia* family is extract of *Vernonia glabra*.
15. A composition as claimed in claim 13 in which the extract has been derived from the leaf and/or stem.
16. A composition as claimed in claim 14 in which the extract has been derived from the root.
17. A composition as claimed in any preceding claim in which the extract is in the form of a dried powder which is preferably finely ground.
18. A composition as claimed in any preceding claim which essentially consists of extract of the plant *Cissus quandrangularis*, chitosan, and optionally vitamin C.
19. Use of an extract from one or more plants selected from one or more of the plant families: *Cissus*, *Brillantaisia* and *Vernonia* for the preparation of a medicament for preventing or controlling obesity or the addition of weight.
20. Use of an extract from one or more plants selected from one or more of the

plant families: Cissus, Brillantaisia and Vernonia for the preparation of a medicament for preventing or controlling hyperlipidemia, hypercholesteremia or inability to move freely.

21. Use of an extract from one or more plants selected from one or more of the plant families: Cissus, Brillantaisia and Vernonia for the preparation of a medicament for preventing or controlling gastric acidosis.

22. Use of an extract from one or more plants selected from one or more of the plant families: Cissus, Brillantaisia and Vernonia for the preparation of a medicament for preventing or controlling constipation.

23. Method of preventing or controlling obesity or the addition of weight which comprises administering an effective amount of an extract from one or more plants selected from one or more of the plant families: Cissus, Brillantaisia and Vernonia to a person in need thereof.

24. Method of preventing or controlling hyperlipidemia, hypercholesteremia or inability to move freely which comprises administering an effective amount of an extract from one or more plants selected from one or more of the plant families: Cissus, Brillantaisia and Vernonia to a person in need thereof.

25. Method of preventing or controlling gastric acidosis which comprises administering an effective amount of an extract from one or more plants selected from one or more of the plant families: Cissus, Brillantaisia and Vernonia to a person in need thereof.

26. Method of preventing or controlling constipation which comprises administering an effective amount of extract from one or more plants selected from one or more of the plant families: Cissus, Brillantaisia and Vernonia to a person in need thereof.

27. Use of an extract from one or more plants selected from one or more of the plant families: Cissus, Brillantaisia and Vernonia for the preparation of a medicament which has one or more of the following activities:

- (1) Reduces the amount of fat absorbed by the body,
- (2) Increases the amount of fat in faeces,
- (3) Increases faecal bulk,
- (4) Reduces carbohydrate breakdown in vitro,
- (5) Reduces carbohydrate breakdown in vivo,
- (6) Inhibits salivary amylase activity,
- (7) Inhibits intestinal amylase activity,
- (8) Decreases the acidity of the stomach,
- (9) Increases the amount of cholesterol in faeces,
- (10) Reduces post-prandial blood glucose,
- (11) Inhibits intestinal lipase activity,
- (12) Reduces the body mass index (weight) of subjects.

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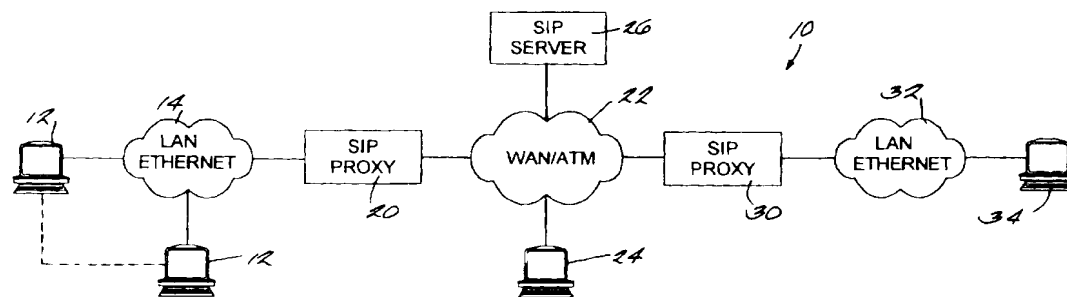
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(57) Abstract: A method and system (10) for ensuring quality of service between a first network (14) with a first quality of service and a second network (32) with a second, different quality of service. The method includes dynamically mapping quality of service for data flows between the two networks (14, 32) using a signaling protocol common to the two networks (14, 32). The system (10) includes a first network (14), a second network (32), and a signaling protocol proxy (20, 30) coupled between the first and second networks (14, 32). The signaling protocol proxy (20, 30) has a module that dynamically maps quality of service for data flows flowing between the first and second networks (14, 32).

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